

Name: _____

ET_1021 version 4

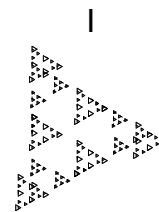
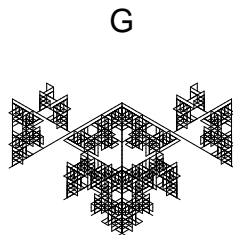
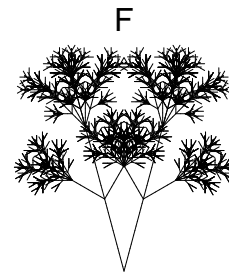
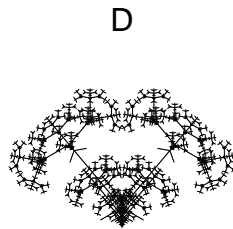
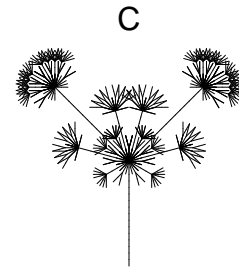
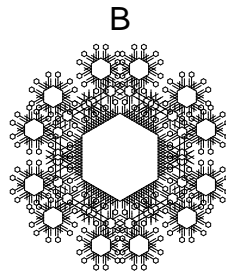
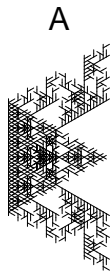
Consider the L -system (and angle) defined below:

- Start: C
- Rules:
 - A > F[---BC] [+++BC]
 - B > F[-CA] [+CA]
 - C > [-AB] [+AB]
 - F > FF

- Number of recursions (number of iterations): 6
- Angle: 15°

Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?

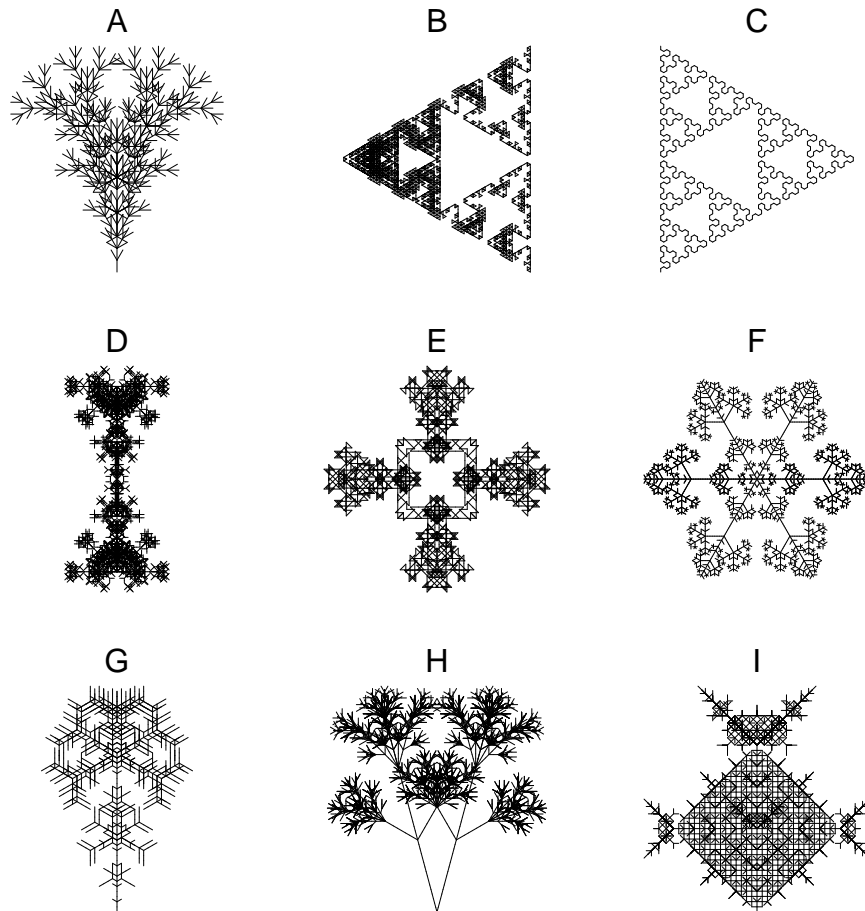
F

Consider the L -system (and angle) defined below:

- Start: $A++A++A++A$
- Rules:
 $A > B-ABA-B$
 $B > A+BB+A$
- Number of recursions (number of iterations): 4
- Angle: 135°

Use the following sites to generate the pattern:

- https://chadworley.github.io/Lsys_string_gen.html
- <https://scratch.mit.edu/projects/1225522722/editor/>



Which pattern is created?

E